

IAPS Rec'd POMPTO 07 FEB 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER 64846 (70904)</b>
INTERNATIONAL APPLICATION NO. PCT/JP2004/011233	INTERNATIONAL FILING DATE 5 August 2004	U.S. APPLICATION NO. (if known) see 37 CFR 1.5) <b>107567710</b>
<b>TITLE OF INVENTION</b> <b>ELECTROSTATIC SUCTION TYPE FLUID DISCHARGE DEVICE, ELECTROSTATIC SUCTION TYPE FLUID DISCHARGE METHOD, AND PLOT PATTERN FORMATION METHOD USING THE SAME</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> Shigeru Nishio et al.		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Three documents, 4 pages each)</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> Three assignment documents for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included for each assignment.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>		

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The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td colspan="2"></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> <td></td> </tr> <tr> <td>130 - 100 =</td> <td>30 /50 =</td> <td>1</td> <td>x \$250.00</td> <td>\$ 250.00</td> </tr> <tr> <td colspan="2">Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td colspan="2">\$</td> <td></td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td></td> </tr> <tr> <td>Total claims</td> <td>23 - 20 =</td> <td>3</td> <td>x 50.00</td> <td>150.00</td> </tr> <tr> <td>Independent claims</td> <td>16 - 3 =</td> <td>13</td> <td>x 200.00</td> <td>2,600.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 3,900.00</td> <td></td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. 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- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 04-1105 in the amount of \$ 4,020.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

David A. Tucker  
EDWARDS ANGELL PALMER & DODGE LLP  
P.O. Box 55874  
Boston, Massachusetts 02205  
(617) 517-5508

David A. Tucker

SIGNATURE

David A. Tucker

NAME

CUSTOMER NUMBER: 21874

27,840

REGISTRATION NUMBER

10/567710

1A9R66D PCT/PTO 07 FEB 2006

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 64846 (70904)

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Kathryn A. Grindrod  
Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 517-5534  
Telephone Number

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Transmittal Letter to the United States Designated-Elected Office (3 pages)

Application Data Sheet (4 pages)

Specification Cover Sheet (1 page)

Specification excluding claims (92 pages)

23 Claims (13 pages)

Abstract (1 page)

Formal Drawings Fig. 1 – Fig. 32 (24 pages)

PCT/RO/101; PCT/ISA/210 (w/3 references); PCT/ISA/237; PCT/IB/304;

PCT/IB/308; (First Notice); PCT/IB/308 (Second and Supplementary

Notice); WO 2005/014179 A1

Three Executed Oath or Declarations of the inventor(s) (4 pages each)

Information Disclosure Statement (3 pages)

Form PTO/SB/08a/b (1 page)

Three Recordation Form Cover Sheets (2 pages each)

Three Assignments (2 pages each)

Return Receipt Postcard

Authorization to charge \$4,020.00 to deposit account 04-1105